INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F01N3/08 B01D53/94 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (dassification system followed by classification symbols) FOIN BOID IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category 5 1,6,8 PATENT ABSTRACTS OF JAPAN X vol. 2000, no. 26, 1 July 2002 (2002-07-01) & JP 2001 241321 A (NISSAN MOTOR CO LTD), 7 September 2001 (2001-09-07) abstract US 2002/011069 A1 (MAUS WOLFGANG ET AL) 1,6,8 X 31 January 2002 (2002-01-31) claims 1,3,4 1,6,8 PATENT ABSTRACTS OF JAPAN Α vol. 2003, no. 07, 3 July 2003 (2003-07-03) & JP 2003 090210 A (MAZDA MOTOR CORP), 28 March 2003 (2003-03-28) abstract Further documents are listed in the continuation of box C. Patent family members are listed in annex. χ Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the International search Date of mailing of the international search report 13 September 2004 23/09/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016

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Faria, C

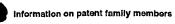
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